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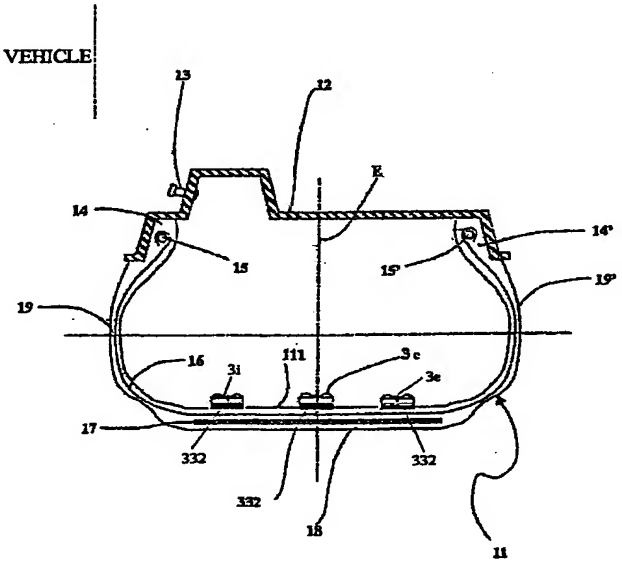
(54) Title: METHOD AND SYSTEM FOR DETERMINING A CORNERING ANGLE OF A TYRE DURING THE RUNNING OF A VEHICLE



(57) Abstract: Disclosed is a method and a system for determining a cornering angle (α) of a tyre (11) fitted on a vehicle during a running of said vehicle on a rolling surface, the tyre comprising an equatorial plane, the method comprising the steps of: estimating a length (Pli/e) of a contact region between said tyre and said rolling surface, said length being measured at a distance from the equatorial plane; estimating a load (Fz) exerted on said tyre; estimating a camber angle (γ) to which said tyre is subjected; and deriving such cornering angle (α) from said camber angle (γ), tyre load (Fz) and contact region length (PLi/e).

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